

WHAT IS CLAIMED IS:

1. A topical oral composition for promoting whole body health in humans and other animals, said composition comprising a safe and effective amount of an antimicrobial agent and a pharmaceutically acceptable oral carrier, wherein said antimicrobial is selected from the group consisting of stannous ion agent; triclosan; triclosan monophosphate; chlorhexidine; alexidine; hexetidine; sanguinarine; benzalkonium chloride; salicylanilide; domiphen bromide; cetylpyridinium chloride (CPC); tetradecylpyridinium chloride (TPC); N-tetradecyl-4-ethylpyridinium chloride (TDEPC); octenidine; delmopinol; octapinol; nisin; zinc ion agent; copper ion agent; essential oils; furanones; bacteriocins; analogs and salts thereof; and mixtures thereof.
2. A topical oral composition for promoting whole body health in humans and other animals according to Claim 1, wherein said antimicrobial is selected from the group consisting of stannous ion agent, triclosan, triclosan monophosphate, chlorhexidine, domiphen bromide; cetylpyridinium chloride (CPC), zinc ion agent, copper ion agent, essential oils, and mixtures thereof.
3. The composition of claim 1, further comprising one or more additional therapeutic agents selected from the group consisting of: anti-inflammatory agents, H2-antagonists, metalloproteinase inhibitors, cytokine receptor antagonists, lipopolysaccharide complexing agents, tissue growth factors, immunostimulatory agents, cellular redox modifiers, analgesics, hormones, vitamins, and minerals.
4. The composition of Claim 3, wherein said additional therapeutic agent is selected from the group consisting of augmentin, amoxicillin, tetracycline, doxycycline, minocycline, metronidazole; aspirin, ketorolac, flurbiprofen, ibuprofen, naproxen, indomethacin, ketoprofen, piroxicam, meclofenamic acid, cimetidine, ranitidine, famotidine, roxatidine, nizatidine, mifentidine, iodine, sulfonamides, mercurials, bisbiguanides, phenolics, neomycin, kanamycin, clindamycin, eugenol, hydrocortisone, methotrexate, levamasole, strontium chloride, potassium nitrate, sodium fluoride, peppermint oil, chlorophyll, immunoglobulin, antigens, lidocaine,

benzocaine, amino acids, essential fats, vitamin C,  $\alpha$ -tocopherol, Co-enzyme Q10, PQQ, Vitamin A, folate, N-acetyl cysteine, gallic acid, butylated hydroxytoluene, polymyxin, urea peroxide, hydroxamic acid derivatives, phosphinic acid amides, and mixtures thereof.

5. A method for promoting whole body health in human and other animal subjects, comprising administering to said subjects' oral cavity, a composition according to Claim 1.
6. The method of Claim 4 wherein said composition is in a form selected from a mouthrinse, toothpaste, tooth gel, tooth powder, non-abrasive gel, chewing gum, mouth spray, lozenge, and a pet chew product.
7. A method for promoting whole body health in human and other animal subjects, comprising administering to said subjects' oral cavity, a composition according to Claim 3.
8. A method for promoting whole body health in human and other animal subjects, comprising administering to said subjects' oral cavity a composition comprising
- a) a safe and effective amount of an antimicrobial agent selected from the group consisting of stannous ion agent, triclosan, triclosan monophosphate, chlorhexidine, domiphen bromide; cetylpyridinium chloride (CPC), zinc ion agent, copper ion agent, essential oils, and mixtures thereof;
  - b) a safe and effective amount of an additional therapeutic agent selected from the group consisting of anti-inflammatory agents, H2-antagonists, metalloproteinase inhibitors, cellular redox modifiers, and mixtures thereof; and
  - c) a pharmaceutically-acceptable topical, oral carrier.
9. A method according to Claim 8 wherein said therapeutic agent is a H2-antagonist selected from cimetidine, ranitidine, famotidine, roxatidine, nizatidine, mifentidine, and mixtures thereof.